

I claim:

- 1 1. A motherboard assembly comprising:
2 a motherboard;
3 a socket for receiving a central processing unit mounted on the motherboard;
4 a first slot for receiving a first computer card;
5 a second slot for receiving a second computer card, wherein the second slot is
6 positioned between the central processing unit and the first slot, and
7 the first computer card generates greater heat during operation than
8 the first card.
- 1 2. The motherboard assembly of claim 1, wherein the first slot is an AGP
2 slot.
- 1 3. The motherboard assembly of claim 2, wherein the second slot is a PCI
2 slot.
- 1 4. The motherboard assembly of claim 1, wherein the motherboard is for use
2 in a small form factor computer.
- 1 5. The motherboard assembly of claim 1, wherein the first slot is located
2 adjacent to an edge of the motherboard and oriented parallel to the edge.

1 6. The motherboard assembly of claim 1, wherein no additional card slot is
2 located between the first slot and an edge of the motherboard adjacent to the edge.

1 7. The motherboard assembly of claim 1 wherein the first slot is an AGP
2 slot, the second slot is a PCI slot, the first slot is located adjacent to an edge of the
3 motherboard oriented parallel to the first slot, wherein no other slot is located between
4 the first slot and the edge, the first and second slots are mounted on the motherboard
5 parallel and adjacent to each other.

1 8. The motherboard assembly of claim 7, further comprising, on the
2 motherboard:
3 an input/output module containing a plurality of ports for connecting the
4 computer to external devices, the input/output module located
5 adjacent to an edge of the motherboard perpendicular to the edge of
6 the motherboard that is adjacent to the first slot;
7 a power supply module located adjacent to an edge of the motherboard
8 opposite the edge of the motherboard that is adjacent to the first slot;
9 a memory module for receiving a memory card; and
10 a chipset mounted on the motherboard between the memory module and the
11 socket.